

19990621.qrp v01\_n495.qrl.990621

Date: Mon, 21 Jun 1999 19:03:31 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1495

QRP-L Digest 1495

Topics covered in this issue include:

- 1) [43180] Upgrading an HW-9  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 2) [43181] RE: Chassis grounds and Heathkits...  
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 3) [43182] Hi-Gain Vertical Question  
by "Paul R. Valko" <prvalko@oakland.edu>
- 4) [43183] SIX METER BEAM  
by Wayne Alexander <walexan@ipa.net>
- 5) [43184] A Call to qrp sstv ops  
by hamjoel@juno.com
- 6) [43185] VE7SL de WB5QYT  
by tom whalen <wb5qyt@eFortress.com>
- 7) [43186] scQRPion building contest  
by tom whalen <wb5qyt@eFortress.com>
- 8) [43187] WTB: Ten Tec VFO 243  
by "Tim Cook" <timcook@erinet.com>
- 9) [43188] Re: scQRPion building contest  
by "Paul Harden, NA5N" <na5n@rt66.com>
- 10) [43189] Re: (fwd) Heathkit qrp HW-7 Microphonic problem  
by david fouchey <dafouchey@home.com>
- 11) [43190]  
by guillotstutoring@juno.com
- 12) [43191] Kenwd TS-570S/G as a QRP rig.(Longish)  
by "Kelly Ellison" <kelman@dialnet.net>
- 13) [43192] Pixie Kit  
by randy cornelison <randyc@tsixroads.com>
- 14) [43193] Re: Weller WTCPT sale to end !!  
by "Radman" <radman@best.com>
- 15) [43194] Re: A Call to qrp sstv ops  
by Dave Sjolin <sjolin@swbell.net>
- 16) [43195] Re: Pixie Kit  
by "Jim Stafford, W4Q0" <w4qo@amsat.org>
- 17) [43196] Capacitance values  
by Tim Ahrens <tahrens@hilconet.com>
- 18) [43197] Re: Pixie Kit  
by "Jim Stafford, W4Q0" <w4qo@amsat.org>
- 19) [43198] Re: Kenwd TS-570S/G as a QRP rig.(Longish)

- by "Don Chisholm WX3M" <dchishol@oakland.edu>
- 20) [43199] 1st DX  
by "Charles Hamel" <cdhamel@pdq.net>
- 21) [43200] Anyone order Dan's partial 2N2/40 kit?  
by Jeff Logullo <logullo@mindspring.com>
- 22) [43201] Hamcomm CW contest and suffixes  
by iapizloj@bicc00.bi.ehu.es (Jon Iza)
- 23) [43202] RE: HyGain DX-77  
by "Irwin, Wayne, W1KI" <wirwin@arrl.org>
- 24) [43203] FS MFJ - 9020  
by pierce@rice.edu (George F. Pierce)
- 25) [43204] 28.5-29.0 MHz CB wasteland ??  
by Mike Manship <mjmanship@iquest.net>
- 26) [43205] QRP DX : Indoor Dipole  
by WB9MII@aol.com
- 27) [43206] OHR20 -> OHR30  
by "Rod Cerkoney" <rlwc@frii.com>
- 28) [43207] Re: ByteMark  
by Karl.Kanalz@optelinc.com
- 29) [43208] Re: (fwd) Heathkit qrp HW-7 Microphonic problem  
by Ron Stark <ku7y@dri.edu>
- 30) [43209] update: A Call to qrp sstv ops  
by hamjoel@juno.com
- 31) [43210] bytemark  
by "Tracy" <tracy@bytemark.com>
- 32) [43211] Re: OHR WM-2 Wattmeter  
by Ron Stark <ku7y@dri.edu>
- 33) [43212] J-Pole article makes it into QST Webzine  
by Philip Karras <ke3fl@yahoo.com>
- 34) [43213] Re: 28.5-29.0 MHz CB wasteland ??  
by "John J. McDonough" <jjmcd@tm.net>
- 35) [43214] Re: (fwd) Heathkit qrp HW-7 Microphonic problem  
by "John J. McDonough" <jjmcd@tm.net>
- 36) [43215] Re: Kent paddle adjustments  
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 37) [43216] Ten Tec Scout Question..  
by "Phinizy, William" <wphinizy@filenet.com>
- 38) [43217] Re: Ten Tec Scout Question..  
by "dor" <elbc@pivot.net>
- 39) [43218] Western Florida QRP Club Meeting Announcement  
by "Stephen D. Cohen" <scohen@xps.xybion.com>
- 40) [43219] Re: Regen RX Using Q-multiplier Principle  
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 41) [43220] Re: 10 meter rigs  
by "Carl Zmola" <zmola@campbellsci.com>
- 42) [43221] CANADIAN SPRING BOUQUET CERTS  
by "NA6E" <mcherry@calweb.com>
- 43) [43222] WSN-40 ARCI Net.

- by Ed Loranger <we6w@qsl.net>
- 44) [43223] Paul Harden  
by "Mike W. Burger" <mike@gold.chem.hawaii.edu>
- 45) [43224] VE3JC/QRP Bike Mobile  
by Paul Stroud <aa4xx@ipass.net>
- 46) [43225] Re: (fwd) Heathkit qrp HW-7 Microphonic problem  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 47) [43226] Re: CANADIAN SPRING BOUQUET CERTS  
by "NA6E" <mcherry@calweb.com>
- 48) [43227] W/R ANTENNA ADDITION  
by hamjoel@juno.com
- 49) [43228] Not QRP, tone generate circuitry needed  
by "Kory Hamzeh" <kory@avatar.com>
- 50) [43229] fathers day  
by Oscar A Hoyt <k5ubs@juno.com>
- 51) [43230] Re: Capacitance values  
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 52) [43231] copper clad...  
by sergio <sruiz@bright.net>

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Date: Sun, 20 Jun 1999 19:35:54 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [43180] Udgrading an HW-9  
Message-ID: <376D7ADA.9BAAE3C8@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I've come into possesion of an HW-9 that does NOT have the WARC bands installed. Has anybody tried to use currently availible parts to add the WARC coverage??? Or...is there a source for Hot Water parts to do the job???

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----

Date: Sun, 20 Jun 1999 19:50:08 -0400  
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>  
To: <qrp-L@LeHigh.edu>  
Subject: [43181] RE: Chassis grounds and Heathkits...  
Message-ID: <002f01bebb77\$a584d1c0\$04000a0a@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

YES... Heathkit designs are notorious for forgetting that aluminium and copper are not at the same electrochemical potential ( according to a colleague at the University of Havana's Facultad de Quimica ( School of Chemistry ).

So my .02 cents...

If you seem to have INSTABILITY problems of ANY KIND with a HEATHKIT radio...

1. remove all boards from the aluminium supports.. clean with scotch-brite both

aluminium and copper foil from board...

put board back in place... BUT ADD, star washers to ALL the nuts and bolts...

That will help a lot, but is NOT PERMANENT, as CORROSION due to said electrochemical potential different will WORK ITS WAY AGAIN..

2. For a more permanent job... you will want to run copper strap or wide braid copper shield to interconnect the boards... may not look nice but will stop lots of headaches !!!

This is also valid for ANY piece of equipment in which designers rely on " grounds" that are copper to aluminium contacts

Heathkits here include ageing and ailing

SB110A for 6 meters

and a single bander for 20 now pretty much dead...

BTW, does anyone on the qrp-l has the diagrams and book for the Heathkit single bander for 40 meters... I am thinking of modifying this one , to put it on 40 meters, and run it at QRP or near QRP levels, as on 20 meters SSB it is a very poor performer by today standards... When modified it may end up at another young ham QTH here .

Happy Fathers Day to all of you that enjoy having nice daughters and sons...

Here we also celebrate Fathers Day this  
Sunday...

Arnie

C02KK

e-mail:arnie@radiohc.org

e-mail:inforhc@mail.infocom.etcusa.cu

Postal address:

Prof. Arnaldo Coro Antich

La Torre no.127 entre 35 y 37

Nuevo Vedado, Plaza

Ciudad Habana , 10600

CUBA

-----  
Date: Sun, 20 Jun 1999 19:56:57 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [43182] Hi-Gain Vertical Question  
Message-ID: <Pine.OSF.3.95.990620195401.28402A-1000000@saturn1.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have inherited a Hi Gain vertical.

It has traps for 40, 20, 15, and 10 meters. Looks to be about 25 feet  
tall.

Do any of you good folks have a manual, or at least point me in the right  
direction to assemble the beast? I put it together with the 10M trap  
closed to the ground and went up from there - just an assumption.

Too bizy to try it out yet.

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Sun, 20 Jun 1999 19:33:58 -0500  
From: Wayne Alexander <walexan@ipa.net>

To: qrp-1@lehigh.edu  
Subject: [43183] SIX METER BEAM  
Message-ID: <4.1.19990620192534.00931270@popd.ipa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Well had a request to send to the list my findings. Well here they are.  
Most bragged upon: M2(M-Squared)  
Next Cushcraft  
Then make a quad or a home brew Beam.  
Sounds like to me what ever you use it will work when the band is open.(a noodle even)HI HI.  
Thanks for all the replies and will have to decide what to do.  
Don't want to spend a bunch of money and I don't know if I will like listening to a bunch of noise most of the time.  
Will see if I can find a used beam cheap some where and try it out.  
73,  
N0EA  
Wayne  
Willard,MO  
FISTS # 4907  
QRP-L # 1058  
Web Page <http://www.qsl.net/n0ea>

-----  
Date: Sun, 20 Jun 1999 21:11:20 -0400  
From: hamjoel@juno.com  
To: qrp-1@lehigh.edu  
Subject: [43184] A Call to qrp sstv ops  
Message-ID: <19990620.211120.-290517.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi to one and all

I would like to start a qrp sstv calling freq or place on the bands where a qrp sstv station would be welcome....

anyone kneaux a place on say 40 and 20 where we could get together....  
The qrp ssb freq..... (area).... would probably be good....

Anyhow I am open to suggestions and would like to stirr some qrp sstv operation...

U can E-mail direct or we can share the conversation.... like u want

joel kella

in maine  
thinking sstv

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---

Date: Sun, 20 Jun 1999 18:34:49 -0600  
From: tom whalen <wb5qyt@eFortress.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [43185] VE7SL de WB5QYT  
Message-ID: <376D88A9.1162@eFortress.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Good to work you on 6 meters! I thought your call sounded familiar!  
Always fun to work other QRP-l and QRP types on the road. Thanks again  
for the nice qso..72, Tom WB5QYT..

---

Date: Sun, 20 Jun 1999 18:52:58 -0600  
From: tom whalen <wb5qyt@eFortress.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [43186] scQRPion building contest  
Message-ID: <376D8CEA.5485@eFortress.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

QRPer's!

All this talk about Ft. Tuthill has me all worked up, especially after  
just coming back from Yellowstone Park in WY and MT! Sure had a good  
time, even though I did not see one bear! Talked to VE7SL(dont forget our  
secret now!) on 6 meters while on the road. Tried to look up Niel WA7SSA  
in Idaho Falls, but he was still at work. Maybe next year Niel..

I noticed the scQRPions are having a building contest, and here are a  
few hints on what Im going to enter! It is QRP related! It runs on  
batteries, very solid design, goes a long way, uses an Altoids tin, is  
backpackable, will help one put out a better signal, you'll get a kick  
out of it, and last but not least, you can eat it after you use it!!

Curious? Sorry, enough hints..HI HI! You'll just have to come to Tuthill to see it..

Going to be fun, and looking forward too seeing everyone!

72, Tom WB5QYT..." Have spud and bug will travel!"

-----  
Date: Sun, 20 Jun 1999 21:43:29 -0400  
From: "Tim Cook" <timcook@erinet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "[Ten Tec] - Reflector" <tentec@contesting.com>  
Subject: [43187] WTB: Ten Tec VFO 243  
Message-ID: <02c101bebb87\$77752ea0\$126b5acf@timcook.erinet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I need a 243 VFO to go with an Omni-C Transceiver  
please email direct with condition and price  
Thanks  
Tim  
NZ8J

-----  
Date: Sun, 20 Jun 1999 20:05:47 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: tom whalen <wb5qyt@eFortress.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [43188] Re: scQRPion building contest  
Message-ID: <Pine.SUN.4.10.9906202004080.14299-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 20 Jun 1999, tom whalen wrote:

> I noticed the scQRPions are having a building contest, and here are a  
> few hints on what Im going to enter! It is QRP related! It runs on  
> batteries, very solid design, goes a long way, uses an Altoids tin, is  
> backpackable, will help one put out a better signal, you'll get a kick  
> out of it, and last but not least, you can eat it after you use it!!  
>



> 72, Tom WB5QYT..." Have spud and bug will travel!"

A sub-miniature spud gun?

-----  
Date: Sun, 20 Jun 1999 22:12:48 -0400  
From: david fouchey <dafouchey@home.com>  
To: wb5rue@stic.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [43189] Re: (fwd) Heathkit qrp HW-7 Microphonic problem  
Message-ID: <376D9FA0.AE753F5E@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

And make sure none of the lock washers are missing on the circuit board mounting screws...

As Kevin mentions this is a typical problem with heatkits of all types...

Dave  
WA4EMR

Kevin Muenzler WB5RUE wrote:

>  
> Heath had a notorious problem with grounds. The cases are aluminum and most  
> of the circuit board grounds are made directly from the copper traces to the  
> aluminum case. Try removing the circuit board, cleaning the screwdown  
> contacts on the board and the cases and re-mount the board. I've had  
> several Heathkit rigs that have had the same problem.

>  
> Kevin, WB5RUE

>  
> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of  
> n6jpa@qsl.net  
> Sent: Saturday, June 19, 1999 4:48 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: (fwd) Heathkit qrp HW-7 Microphonic problem  
>  
> On Sat, 19 Jun 1999 16:56:33 -0400, in rec.radio.amateur.misc "Joseph  
> Schulte"  
> <schulte@bright.net> wrote:

>  
> I am borrowing a hw-7 to take to Philmont Boy Scout camp this summer. A  
> problem that was noted for this model rig was a microphonic problem with  
> this particular model. Heathkit came up with a cure for it. If Anyone has  
> knowledge of the cure or that information would you please email it my  
> friend, Ken, K8RWK.  
> His email address is:  
> k8rwwk@bright.net  
> Thank you, Joe WA8UET

-----  
Date: Sun, 20 Jun 1999 15:02:37 -0500  
From: guillotstutoring@juno.com  
To: qrp-1@Lehigh.EDU  
Message-ID: <19990620.215638.-158205.0.guillotstutoring@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

What we really need is a book like DUMMY LOADS FOR DUMMIES!

On Fri, 18 Jun 1999 23:46:30 -0400 Pete Burbank <plburbank@kih.net>  
writes:  
>We need specs on max feedline length, switcher box for receive??  
>etc.  
>72/3/88 Pete NV4V

Ed Guillot, N5ED, New Orleans, LA  
qrp-1#1951, qrparci#3988, ARRL(life)

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-----  
Date: Sun, 20 Jun 1999 22:35:43 -0500  
From: "Kelly Ellison" <kelman@diadnet.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [43191] Kenwd TS-570S/G as a QRP rig.(Longish)  
Message-ID: <199906210336.WAA28307@diadnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi folks,

I have had the Kenwood TS-570S/G for a few days and wanted to post a few first impressions that might be helpful to anyone thinking about getting the TS-570 as a QRP rig. This is not from a technical stand point but for practical use.

The TS-570 is easy to use right out of the box, even before looking at the manual. The big push buttons are nice when you have big fat fingers and the large digital readout is easy on these aging eyes. Just about every feature is adjustable from Kenwood's Menu system. The Power output is adjustable from 5 to 100 watts in 5 watt increments which seems to be accurate per the WM-1 wattmeter.

The Automatic antenna tuner is a dream. I was worried about it being able to tune my 280 ft loop with ladder line to Coaxial choke... but it tunes it on 6 through 80 meters handily. One of the things that amazed this country boy after using the LDG tuner for years, is how the tuner remembers the settings for each band (18 memories) and this is good for a band hopper like myself. The radio has 2 inputs for Antenna jacks and remembers which antenna you used last time you were on that band (this rig is smarter than I am).

The rig has two VFOs... A and B of course, and they both have the band stacking registers which remembers what frequency and mode you were on. The radio remembers if you had the Pre-amp on, noise blanker etc. for each individual band. Pretty cool!

The DSP filters are effective, but I have ordered the Narrow 270 Hz CW filter. With the TS-570S/G there are variable bandwidth settings for the CW filter, DSP Noise reduction and an automatic Notch filter which is very effective on SSB. Some of the other features are the CW Autotune (zero beat other station automatically), a RX and transmit equalizer which is really neat, 2 message memory keyer, and more stuff I haven't learned about yet. The radio and autotuner work great at the 5 watt level. I haven't run SSB much over the last couple of years, but I gotta say... this is the best SSB radio I have every operated. The receiver makes SSB listening a pleasure and I'm sure I will run more SSB in the future with this radio.

I would welcome any comments from other 570S owners. Sure appreciate all the information I got last week about the TS-570. Here is the TS-570 home page that was posted on QRP-L. Take a look - it's very interesting: <http://www11.cds.ne.jp/~cqdx/> Hope this information is helpful, I am not related to Kenwood in any way, just a happy QRPer at this point.

See you on the bands!

Kelly Ellison - WB0WQS - Aurora, Missouri - The Summit City of the Ozarks.

-----  
Date: Sun, 20 Jun 1999 22:33:22 -0500  
From: randy cornelison <randyc@tsixroads.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [43192] Pixie Kit  
Message-ID: <376DB282.3DAC101F@tsixroads.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I ordered a Pixie kit from HSC Electronics recently(no key jack,earphone jack etc). After I ordered the kit I saw that another company had the whole kit, including everything you need to make it play...but I forgot the name of the company or its URL. Anybody help me on this? Thanks  
Randy K5UF Belmont Ms

-----  
Date: Sun, 20 Jun 1999 21:16:00 -0700  
From: "Radman" <radman@best.com>  
To: "Dave T. Chael" <chael@enid.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [43193] Re: Weller WTCPT sale to end !!  
Message-ID: <199906210415.VAA10906@proxy4.ba.best.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Dave et al,

A number of guys asked me about the WTCPT.... so hope you don't mind if I copy to the group :-)

Yep, I *\*really\** recommend the WTCPT as a great buy. This is a commercial quality, ESD-safe solder station that's been used on assembly lines for years. You'll be able to give this solder station to your great-grand kids :-)) I like the 700 degree tips, but it's a matter of preference. Some guys prefer to use the 800 degree tips. I'd start with 700 F.

For solder, there are a lot of good ones out there. In Kester's line, I like their 63/37 alloy as follows: SN63PB37. Dia: 0.020". Core 58. QQ-S-571F-WRMAP-2. Flux: "285". Cat # 24-6337-9700 There are more exotic solders out there, but this one does a nice job for me.

NOTE: be sure to consult with any kit vendor for specific solder recommendations prior to building. (I know that Elecraft has a specific solder that they recommend -- AND a specific Weller tip -- other companies may differ.)

GL es happy soldering,

Conrad - NN6CW

\*\*\*\*\*

Subject: Re: Weller WTCPT sale to end !!  
Date: Sunday, June 20, 1999 8:49 PM

Conrad,

Can you recommend the Weller WTCPT as a reasonably good quality soldering tool? I'm interested in building a few kits, and don NOT want to get stuck with a low-quality tool that won't do the job. What temperature tip do I need, and how about a recommendation on a Kester solder spec for general kit construction - there must be a thousand different kinds. Thanks for letting us know about the sale at Wassco - at \$80 it looks like a great buy!

Dave  
KC5GUD  
chael@enid.com

-----  
Date: Sun, 20 Jun 1999 23:19:53 -0500  
From: Dave Sjolín <sjolin@swbell.net>  
To: hamjoel@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [43194] Re: A Call to qrp sstv ops  
Message-ID: <376DBD69.FD864689@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

hamjoel@juno.com wrote:

> I would like to start a qrp sstv calling freq or place on the bands  
> where a qrp sstv station would be welcome....  
>  
> anyone kneaux a place on say 40 and 20 where we could get together....  
> The qrp ssb freq..... (area).... would probably be good....  
> Anyhow I am open to suggestions and would like to stirr some qrp sstv  
> operation...  
> U can E-mail direct or we can share the conversation.... like u want

Whats wrong with using the current SSTV frequencies? On 20 meters the sstv'ers will jam anyone that uses 14230-14235 for any other reason even if the frequency is not in use. Since its already set aside, it makes sense to use it. No reason to expect any more spectrum for sstv use. Of course, you are legally permitted to operate it anywhere in the phone band but I think you will be very unpopular if you operate outside the frequencies already set aside.

73 de Dave, N0IT

-----  
Date: Mon, 21 Jun 1999 01:02:55 -0400  
From: "Jim Stafford, W4Q0" <w4qo@amsat.org>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [43195] Re: Pixie Kit  
Message-ID: <376DC77F.590A652F@amsat.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Randy,

Was it:

<http://www.e-etc.com/pixie2/pixie2.html> ??

--

Jim Stafford, W4Q0	770-993-9500	VP - QRPARCI #6515
11395 West Road	770-993-8932 fax	Mgr - W4WOW SciTrek
Roswell, GA 30075	w4qo@amsat.org	Dir- RadioActive Schools
DBA/Stafford Enterprises/By Jimeny SCF		
<a href="http://www.america.net/~w4qo">http://www.america.net/~w4qo</a>		

-----  
Date: Sun, 20 Jun 1999 23:45:35 +0000  
From: Tim Ahrens <tahrens@hilconet.com>  
To: qrp-1@lehigh.edu  
Subject: [43196] Capacitance values  
Message-ID: <376D7D1F.5880AF44@hilconet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi folks here's a question:

HamCom + \$ = new MFJ-259B antenna analyzer.

I'm measuring capacitance with the little beast, and I am starting to ask more questions than I have answers to, hence the cry for help!

In the past, I've used my BK precision DVM to give me capacitance values, as well as an old tube Tektronix L/C meter. I was pretty happy, living in that world. Now, I can vary the test frequency, and things seem to get a bit scary. If I pick up a 510pF silver mica, 5% capacitor, it reads 509 pF on the BK. On the 259B, at 1.7mHz, it says 484pF. At 3.875 it reads 519pF, and at 9.64, it reads 557pF. These are with Xc's of 192, 79, and 29 respectively.

Ok, who you gonna trust? Should I now be measuring the capacitance at the desired frequency, and selecting those that are 'really' the right value?

Lotsa questions in Kerrville!!

Thanks,

Tim W5FN

-----  
Date: Mon, 21 Jun 1999 01:05:41 -0400  
From: "Jim Stafford, W4Q0" <w4qo@amsat.org>

To: randyc@tsixroads.com, QRP-L <qrp-l@lehigh.edu>  
Subject: [43197] Re: Pixie Kit  
Message-ID: <376DC825.E3D849BF@amsat.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Actually, I think it may be this page:

<http://www.e-etc.com/pixie2/pixieD.html>

--

Jim Stafford, W4Q0

-----  
Date: Mon, 21 Jun 1999 01:25:05 -0400  
From: "Don Chisholm WX3M" <dchishol@oakland.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [43198] Re: Kenwd TS-570S/G as a QRP rig.(Longish)  
Message-ID: <003b01bebb6a6\$6c2e6e20\$82f80718@roalok1.mi.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I might be able to offer some technical insights/criticism of the TS-570.  
My two cents...

A friend (and coworker), Bill Isbister, K8WI has one which I have often used, casually QRP and contest QRP. My impressions of the DSP for CW are fair to good. I have very little SSB experience with the rig.

In CW, and without an optional crystal filter, the passband is the same as for SSB, about 2.4-2.7kHz I believe. This means, even with the DSP cranked down to 50Hz, when trying to copy a weak signal, an adjacent strong signal (even 2+kHz away!) can destroy any efforts. This irritated me a bit, so I purchased the 500Hz filter for my friend (because I owed him a hundred bucks anyway and I was using the radio at 20 CW for our QRP Field Day that year-1997). The crystal filter engages when the DSP bandwidth is set to 600Hz or narrower. This fixed the problem. With the Noise Blanker functions, the "new sound" is a bit wierd, but once you get used to it, it can become useful. (Though I noticed that it did little good on signals which were barely perceptible-- they needed to at least be present in order for the algorithms in the software to recognize the waveforms and pull them



out, or something like that.)

Another thing which bothered me was the ability for only *\*one\** optional filter to be installed at any time. I was used to a Ten-Tec Corasir, which had selectable 2.4kHz, 1.8kHz, 500Hz, and 250Hz all right from the front panel. My TS-450 is also loaded with several optional crystal filters. This, I believe, is achievable, to some extent, with the new K2 transceiver, the ability for multiple crystal filters. I suppose, in the heat of several CW contests, I really have failed to be impressed by the TS-570's DSP *\*over\** the multiple crystal filters in my TS-450.

I have recently ordered a DSP-100 unit for the TS-450. After Field Day, I'll let ya'll know what difference the AF/IF DSP makes make in conjunction with the 1st and 2nd IF crystal filters in a rig a few years earlier (and a package somewhat bigger) than the TS-570.

I have to agree with Kelly on almost every other positive attribute to the rig. It was well thought out and caters to the QRP as well as other communities in the hobby. One feature boggles my mind, however, and that is the CW auto-tune feature. What good is this? I don't think I have ever used it (or needed it in the least) and can probably think of several other uses for an important front-panel button.

don

Don Chisholm - WX3M  
Oakland University - Department of Music, Theatre, and Dance  
undergraduate - secondary instrumental music education  
dchishol@oakland.edu  
<http://www.oakland.edu/~dchishol/>

-----  
Date: Mon, 21 Jun 1999 00:34:22 -0500  
From: "Charles Hamel" <cdhamel@pdq.net>  
To: "QRP List" <qrp-l@Lehigh.EDU>  
Subject: [43199] 1st DX  
Message-ID: <007a01bebbba7\$bb7fccc0\$bc18dfd1@cdhamel>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="windows-1250"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi all, Well I made my first DX contact in 6 years and my first QRP DX contact ever, on my newly built SWL40+. My heart is still beating fast, wow can it get anymore exciting?? The call was TG9/WB5WYE, in Guatemala.

It just keeps getting better, I am definitely setting a goal to upgrade to General within the next 3 weeks, I got to get on 20meters!!

Take Care all and hope you had a great Fathers Day!!

Charles

KC5DXQ - Norcal Zombie - HQRP- QRP-L #1919

<http://www.angelfire.com/de/kc5dxq/index.html>

-----  
Date: Mon, 21 Jun 1999 04:12:04 -0500  
From: Jeff Logullo <logullo@mindspring.com>  
To: qrp-l@lehigh.edu  
Subject: [43200] Anyone order Dan's partial 2N2/40 kit?  
Message-ID: <376E01E2.7A977597@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi all,

I took advantage of Dan's Small Parts' "partial kit" for the 2N2/40, and have the goodies in a margarine tub around here somewhere. But knucklehead that I am, I didn't save or print the blurb from his web page that lists the items. Of course, it's now gone from his web page.

I can probably figure it all out... but if anyone happens to have that list saved away somewhere and can send it to me (direct email, not to the QRP-L list, please) I'd be much obliged.

73,  
Jeff N0MII

-----  
Date: Mon, 21 Jun 1999 11:38:16 +0200  
From: iapizloj@bicc00.bi.ehu.es (Jon Iza)  
To: qrp-l@lehigh.edu  
Cc: iapizloj@bicc00.bi.ehu.es  
Subject: [43201] Hamcomm CW contest and suffixes  
Message-ID: <9906210938.AA40132@bicc00.bi.ehu.es>

Folks,

I've read with great pleasure all the stories from folks attending Hamcomm, and the sobering experience of a teenager acing on CW QRQ reception. N5SN  
It must be something related with the suffix, which confers a great saviour to the gifted ones... N5SN, KI6SN (Richard Fisher, from the Zuni group and WorldRadio QRP Editor)...  
jon, ea2sn :- ) :- )

-----  
Date: Mon, 21 Jun 1999 07:06:12 -0400  
From: "Irwin, Wayne, W1KI" <wirwin@arrl.org>  
To: n4xy@att.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [43202] RE: HyGain DX-77  
Message-ID: <8060D04206ABD2118C6800805FC743CC614D02@mail.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Hi Ed (and the group),

I had one a few years ago. Nice antenna, but it is a little tall to be put up with out guys. I literally watched the base break the winter I put it up. A little ice built up on it and then the wind blew. Bye Bye antenna. Hy-Gain replaced the base section with no questions asked. I put the antenna up again, this time with guys, and never had a problem. Had to sell it when we moved. I performed quite well...

73,

Wayne K. Irwin, W1KI  
Assistant to the ARRL/VEC Manager  
E-mail: w1ki@arrl.org  
Tel: (860) 594-0305

-----Original Message-----  
From: Ed Tanton [mailto:n4xy@att.net]  
Sent: Sunday, June 20, 1999 4:06 PM  
To: Low Power Amateur Radio Discussion  
Subject: HyGain DX-77

Hello All... I am about to erect a brand new (it's been in storage for several years) HyGain DX-77 vertical. They describe it as an off-center-fed windom (vertical) antenna. What I would like to know is: has anyone else put one of these up, and if so, what comments you might have about it-especially things to look out for, weaknesses, etc.

Thanks.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

-----  
Date: Mon, 21 Jun 1999 06:08:04 -0500  
From: pierce@rice.edu (George F. Pierce)  
To: qrp-l@lehigh.edu  
Subject: [43203] FS MFJ - 9020  
Message-ID: <v01510103b393c1531e45@[128.42.176.178]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

20 Meter CW rig with audio filter option. Has very small ding on front panel making the radio a 10 but visually a 9. Includes some MFJ 90's newsletters. \$125, I ship US48.

George F. Pierce III  
WA5ABS M0BOD  
Email: pierce@rice.edu

-----  
Date: Mon, 21 Jun 1999 07:38:17 -0500  
From: Mike Manship <mjmanship@iquest.net>  
To: qrp-l@Lehigh.EDU  
Subject: [43204] 28.5-29.0 MHz CB wasteland ??  
Message-ID: <3.0.2.32.19990621073817.006ad630@pop.iquest.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Ever since the 28.3-28.5 MHz chunk was opened up for U.S. voice operation I have noticed fewer and fewer operators using the 28.5-29.0 segment. Everyone is bunching up in the bottom 200KHz. While tuning around this past weekend during the short skip openings I heard the usual Spanish speaking bootleggers in the 28.0-28.1 segment but was somewhat shocked to hear English speaking foul-mouthed truck drivers operating on 28.675. I guess I shouldn't be surprised. They were the only thing I could hear between 28.5 and 29.0. If some truck drivers with modified radios push a couple of buttons and hear absolutely nothing in this segment then I guess they will fill the void. I wonder what will happen when the skip really

opens up ?

73 de Mike W90J

-----  
Date: Mon, 21 Jun 1999 08:48:12 EDT  
From: WB9MII@aol.com  
To: QRP-L@lehigh.edu  
Subject: [43205] QRP DX : Indoor Dipole  
Message-ID: <a2769c3f.249f8e8c@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Howdy, With my venerable MFJ9020 and an indoor dipole I could reach up and grab I worked a JA1 and a JA7 in the All Asia contest. As I recall I got the JA1 on the first call. In these contests a QRP'ers point is as good as anyone elses to the contest ops and they tend to listen a little harder for us. IT CAN BE DONE

72/73

Greg WB9MII  
QRP ARCI 9719

-----  
Date: Mon, 21 Jun 1999 07:54:11 -0600  
From: "Rod Cerkoney" <rwc@frii.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [43206] OHR20 -> OHR30  
Message-ID: <009901bebbbed\$a1b835c0\$9f8711d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Folks:

With a hot NC20, I found myself not using my OHR20, so I converted it 30M.

After determining the and collecting the parts for the 30M bandpack, and completing the parts change out, I got in on the air this weekend. Heard some good DX, Czech Republic, Cayman Is, East Coast w/k2's & 1's... Hey all I have is an attic dipole...;-) And, I work a few CA stations with one & 2

watts! So things are working pretty good. But I want the to work better, of course why else would I write...

1. TX mixer output, and resulting PA output is not as flat as I'd like across the band. Checking output into a dummy load power varies ~ +/- .5W maybe a little more. It was worse 2 maybe 3 watts. So I changed a cap in the TX output filter (C134 from 82pF to 100pF) and stagger tuned the stage, better but I want "best". Is it safe to widen the filter even more? Or, am I asking for trouble from spurious emission creeping up?

2. The TX power control is very touchy. It is smooth up to about 2-3 watts then jumps to 5 or more. With a scope I traced the signal through the X chain. At low powers, less than ~2W I see nice sine waves in the driver/final stage. But when the power is great than 2W those sigs start to get distorted. At 5W the wave forms are almost square waves with distortions on the positive peak, looks like ringing, and leading edge. The final PI network does clean it up back to a nice sine wave. I don't have a Spectrum analyzer so that's all I know at this point.

I noticed that as the driver stage wave forms square off that is when the power control starts getting "twitchy". I'm think the driver is being over driven by the buffer stage, Q100 & Q103 respectively. Not sure where to go from here, any super radio hackers out there willing to help out?

---

72/3 Rod, N0RC  
da di dah

-----  
Date: Mon, 21 Jun 1999 09:18:03 -0500  
From: Karl.Kanalz@optelinc.com  
To: tracy@bytemark.com  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [43207] Re: ByteMark  
Message-ID: <86256797.004EFCD9.00@hdqsmtp01.optelinc.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Do you guys have a NON-800 number we can use  
when your "....800 number is down...." ??

Karl K. - W8TIF  
McKinney, Texas

-----  
Date: Mon, 21 Jun 1999 07:42:52 -0700 (PDT)  
From: Ron Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [43208] Re: (fwd) Heathkit qrp HW-7 Microphonic problem  
Message-ID: <Pine.SOL.3.96.990621073948.11160D-100000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Just a thought....

How about using that conductive paste made to keep aluminum  
and copper wire connection clean?

Pentox or something like that. I use it on all my antenna  
connections.

Clean parts, star washers and conductive paste....I'll bet  
that would work well....

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Mon, 21 Jun 1999 10:52:17 -0400  
From: hamjoel@juno.com  
To: qrp-l@lehigh.edu  
Subject: [43209] update: A Call to qrp sstv ops  
Message-ID: <19990621.105704.-273523.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi guys and gals

well got a few replies and all said the same thing....why not use 14.230 and 7.228 as they are already in use.....

that's fine with me.... however be aware there is considerable qrp bias on twenty meters sstv.....

on twenty we will be qrp with good antennas .....competing ..... with the legal limit.....with good antennas and most will have their antennas pointed away from u .....so while u can copy them fine .....they may not hear u and make communicating difficult...

However I am game to try.... and blend in with existing confusion....

Therefore, and hither and yonder

7.228.... there is another 40 meter freq I can't think of.... 14.230 and 14.233 will be the frequencies on twenty.... there is also a freq on eithgty but can't think of it either....

Sooooo now that we have the freq bit settled.... what about some times for qrp ops to try for a contact....

maybe on the hour..... half hour..... quarter hour.... mid day..... mid nite..... am..... pm....??????

my personal thought is that sstv doesn't take up any more space than ssb voice communication and I really don't have a problem sending a picture to someone I'm chatting with on any voice freq.... and I've got some nice pictures to share and it would be nice to see ur new k2 or pictures of other rigs u've built or whatever.... or maybe u could show me a picture that would explaine something better.... what better place to do it than on the air????

joel kella

in maine

trying to stay in the middle of the road..... more or less...

---

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---

Date: Mon, 21 Jun 1999 11:01:57 -0400

From: "Tracy" <tracy@bytemark.com>

To: "QRP-L" <qrp-l@lehigh.EDU>

Subject: [43210] bytemark

Message-ID: <000801bebbf7\$0188a080\$0e00000a@Tracy>

MIME-Version: 1.0



Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I'm confused ...

When we test the 800 number, it works. Yet I see several notes on the list stating it doesn't ... I'm not sure if it works from Canada, but US is supposed to be good.

Please contact me directly if you have any info!  
Tracy Markham, N4LGH QRP-L #1453  
ByteMark

-----  
Date: Mon, 21 Jun 1999 08:19:41 -0700 (PDT)  
From: Ron Stark <ku7y@dri.edu>  
To: "Art Neilson, KH7PZ" <art@hawaii.rr.com>  
Cc: qrp-l@lehigh.edu  
Subject: [43211] Re: OHR WM-2 Wattmeter  
Message-ID: <Pine.SOL.3.96.990621081606.11298A-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 16 Jun 1999, Art Neilson, KH7PZ wrote:

>  
> If you feel it's useless to try to have an accurate watch,  
> why do you own one?

I don't!

I eat when I'm hungry, sleep when I'm tired, work when I  
feel like it and don't pay much attention to a clock!

And in just a bit less than two years when I retire I'm  
going to care what time it is even less!

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....

....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----

Date: Mon, 21 Jun 1999 09:31:05 -0700 (PDT)  
From: Philip Karras <ke3fl@yahoo.com>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [43212] J-Pole article makes it into QST Webzine  
Message-ID: <19990621163105.5885.rocketmail@web122.yahoomail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

My J-Pole design & tuning instructions has been  
published on the  
ARRL's webpage magazine in the Member's Only Webzine.  
Goto the ARRL's website: [www.arrl.org](http://www.arrl.org) and click on the  
Member's Only section, sign-in & click on the Webzine.  
The table  
of contents is on the right & you can then click on  
the article:  
"Building an Emergency J-Pole".

Also, visit my web-page for more emergency antenna  
construction  
projects and other emergency articles.  
<http://www.qsl.net/ke3fl>

72 & 73 de KE3FL  
Phil K

===  
Phil K  
home: [ke3fl@juno.com](mailto:ke3fl@juno.com)  
Alt: [ke3fl@yahoo.com](mailto:ke3fl@yahoo.com)  
Reflectors: [ke3fl@arrl.net](mailto:ke3fl@arrl.net) and [ke3fl@qsl.net](mailto:ke3fl@qsl.net)  
Web: <http://www.qsl.net/ke3fl>

-----  
Do You Yahoo!?  
Get your free @yahoo.com address at <http://mail.yahoo.com>

-----

Date: Mon, 21 Jun 1999 13:04:30 -0400  
From: "John J. McDonough" <jjmcd@tm.net>  
To: <mjmanSHIP@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [43213] Re: 28.5-29.0 MHz CB wasteland ??  
Message-ID: <003501bebc08\$ad639f20\$010044c0@conor-mac-nessa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Mike ManSHIP <mjmanSHIP@iquest.net>

> If some truck drivers with modified radios push a couple of

This weekend at a hamfest I was surprised to see a very fancy looking 'Ham Transceiver' with a big 40 channel dial in the middle, right next to the pushbuttons for 160 thru 10 ... hmmm

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr/>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Mon, 21 Jun 1999 13:08:21 -0400  
From: "John J. McDonough" <jjmcd@tm.net>  
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [43214] Re: (fwd) Heathkit qrp HW-7 Microphonic problem  
Message-ID: <003601bebc08\$aeeabaf80\$010044c0@conor-mac-nessa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Ron Stark <ku7y@dri.edu>

>How about using that conductive paste made to keep aluminum  
>and copper wire connection clean?

Although some Heath gear has a problem with grounds, I don't believe that to be the cause of the HW-7 microphonics. These rigs had that feature new and there was a web page out there with a fix, but I can't find the link. I seem to recall it having to do with the caps surrounding the lone IC, but I can't say for sure.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr/>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Mon, 21 Jun 1999 13:30:44 -0400  
From: "Edward A Kwik jr" <eakwikjr@hti.com>  
To: Nick Kennedy <nkennedy@cswnet.com>, "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>  
Subject: [43215] Re: Kent paddle adjustments  
Message-ID: <376E76C4.96B4BDDB@hti.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Nick,  
Thanks but I got the assembly instructions already. It is missing the two 3 mm grub (set) screws that attach the arms to the vertical pivot pins. Need to call Alpha Delta and find out if they will send me the screws (and wrench) or a replacement paddle. I left the phone number at home so I will call tomorrow. But if someone Alpha Delta's number handy I would appreciate it. TIA.

Ed Kwik AB8DF

Nick Kennedy wrote:

>  
> Did you get any decent response? My Kent was a kit and came with a one page  
> "assembly notes" sheets. My paddles don't have any vertical wobble.  
>  
> It's fairly fine print, but may scan OK if you want me to email. Else I  
> could Xerox and mail.  
>  
> 72,  
>  
> Nick, WA5BDU  
>  
> -----Original Message-----

> From: Edward A Kwik jr <eakwikjr@hti.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Date: Friday, June 18, 1999 10:56 AM  
> Subject: Kent paddle adjustments  
>  
> >My wish for Fathers day came true. Last Sunday it was Stepfathers day  
> >at our house. I got a new Kent paddle. It was already assembled. I  
> >have been using it the last few nights. There does not seem to be any  
> >adjustments other than contact spacing. My two arms seem quite loose  
> >vertically. That is they can shift up and down about 1/16th of an inch  
> >and to prevent them from locking closed I need to back off the contact  
> >spacing much wider than I like and crank up the tension. Just does not  
> >seem right. Did not get any adjustment instructions just assembly  
> >instructions. Does anyone have adjustment instructions they can send?  
> >TIA  
> >  
> >Ed Kwik AB8DF  
> >  
> >  
> >

-----  
Date: Mon, 21 Jun 1999 18:38:49 +0100  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'QRP-1 List Server'" <qrp-1@Lehigh.edu>  
Subject: [43216] Ten Tec Scout Question..  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE01B3@hq-expo2.filenet.com>

..does anyone know if you can use a Kenwood MC-50 mic with a Ten Tec Scout?

-----  
Date: Mon, 21 Jun 1999 14:02:15 -0400  
From: "dor" <elbc@pivot.net>  
To: <wphinizy@filenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [43217] Re: Ten Tec Scout Question..  
Message-ID: <000901bebc10\$32a008c0\$ee1199d0@mine1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

yes but you'll have to rewire the connector..

not the best of mikes though (my opinion only)

----- Original Message -----

From: Phinizy, William <wphinizy@filenet.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Monday, June 21, 1999 1:38 PM

Subject: Ten Tec Scout Question..

> ..does anyone know if you can use a Kenwood MC-50 mic with a Ten Tec Scout?

>

-----  
Date: Mon, 21 Jun 1999 13:23:02 -0400

From: "Stephen D. Cohen" <scohen@xps.xybion.com>

To: QRP-L@lehigh.edu, mikemo@ibm.net

Subject: [43218] Western Florida QRP Club Meeting Announcement

Message-ID: <199906211818.0AA38074@nss4.cc.lehigh.edu>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Content-Transfer-Encoding: 7BIT

Ladies and Gentlemen,

After many discussions with other local QRP enthusiasts and, most recently, Mike Maiorana (KU4QO), it has come to my attention that there is some interest in forming a Western Florida QRP Club (WestFLA). The first meeting of this new QRP group will be held Saturday the 10th of July at 10:00 AM at a location in the Clearwater Florida area to be named later. All are welcome.

WestFLA will be based on the NorCal club structure, to wit, no structure at all. There will be no officers, no new or old business, no contesting reports, no repeater group pleas for money, no nothing that doesn't interest someone. The meetings will be completely informal gatherings of like-minded people in a venue that is conducive to discussion.

At the very least, for the first meeting I will bring my K2 and be prepared to answer questions. If someone else can commit to an antenna system, we can even put the K2 on the air. Mike has volunteered to bring his regen as well. I will also bring an oscilloscope and possibly a signal generator to help people debug any nagging problems they may have with their projects. I am

really no expert in debugging things (except software), so hopefully someone else will bring their expertise.

There will definitely be a door-prize of some sort, though I have no idea where we will get one. Heck, I may donate an unbuilt 38 Special or Rainbow Tuner or some such to the cause. If anyone has a suggestion for a source of door-prizes at fair prices (free is good), please let me know.

Once we (Mike and I) have received some responses and have some idea how many will attend, we will pick a venue and advertise it in a future posting to QRP-L. I considered the Fudruckers on US19, but unfortunately it appears to be out of business. Maybe we will find a place on Clearwater beach so that we can put verticals at the waters edge after the meeting breaks up for some big-time fun operating.

If anyone has any good ideas for restaurants in the Clearwater area, I would appreciate hearing about them. We are looking for a place that will let us take over a small section for all sorts of odd technical proceedings. I would rather avoid a place with table service, as splitting up checks or separate checks are always a pain. Strange looks are appreciated. The stodgy need not apply.

For those that are unfamiliar with central western Florida, Clearwater is just west of Tampa and about 1:45 minutes west of Orlando, 1 hour north of Sarasota, five hours north of Miami and five hours south-west of Jacksonville. Sorry, but I do not know the times from the Fort-Meyers area, though I wish I did (fill me in, please!). Driving directions will be provided for those that need them (once we have decided on a venue).

Please respond with your intent to attend in the next week or two. Please respond with e-mail to [sdcohen@xybion.com](mailto:sdcohen@xybion.com) and include WestFLA in your title, so that I can easily organize the responses. I subscribe to QRP-L in digest mode, so responses to QRP-L will be tough to compile, so please respond directly to me. We plan to hold these meetings on the second Saturday of every month, so if you can not attend the July meeting but expect that you will attend future meetings, please let me know that as well. If you have any other suggestions, feel free to air them.

I look forward to hearing from all of you western Florida QRPers, and maybe even some of you east-coast folks. I'm also hoping that some of the other club organizers will chip in their comments on how they get door-prizes and how they got their clubs off the ground (NorCal? AZ? NJ? Arkansas? Others I've missed? I'd love to hear from you guys.).

73,

Steve, N30IE

-----  
Steve Cohen, N30IE  
3168 Sandy Ridge Drive  
Clearwater, FLA 33761  
-----

Date: Mon, 21 Jun 1999 11:37:07 -0700  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
To: <Graham.Firth@BTinternet.com>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [43219] Re: Regen RX Using Q-multiplier Principle  
Message-ID: <17ad01bebc15\$13a41c90\$140a0a0a@double\_trouble.reliablemeters.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Graham Firth was describing his Hamcomm regen entry thus:  
>It should have won first rather than third prize - but the judges  
were fazed by  
>good looks rather than good circuitry!!

I would not be surprised to learn that the judges were swayed by my  
ruggedly handsome good looks. However, might it also have been some  
lingering resentment concerning reinvasion by a former colonial  
master?

All kidding aside, I think the judges deserve our thanks for a tough  
job well done.

Mike K1MG



-----  
Date: Mon, 21 Jun 1999 12:53:31 -0600  
From: "Carl Zmola" <zmola@campbellsci.com>  
To: qrp-1@Lehigh.EDU  
Subject: [43220] Re: 10 meter rigs  
Message-ID: <19990621185406287.AAA171@carl-zmola>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

markem@primenet.com wrote  
> At 12:31 PM 6/20/99 GMT, Keith wrote:  
> >The easiest way to QRP on 10 meters is obtain a ssb/am radio for CB  
> >and modify it. There is a radio by Midland model 79290 that covers CB or 10  
> >meters by pushing a couple of buttons on the front panel for \$144. ...  
>  
> This is one route but 10M rigs like the RS HTX-100 and the Ranger 2xxx  
> series can be had for \$125-\$200. The HTX-100 is USB/CW and has a 5W/25W  
> setting. I believe the Rangers are similar but all-mode. For roughly the  
> same price you get a more flexible and probably better  
> performing rig.

OK how about looking at  
<http://www.copper.com/>

for their new 10M ssb/am/fm ht.  
I've heard that Copper is a little bit of a pain to deal with,  
especially with warrenty work, but people still do buisness with  
them. (Info from the cb news group).

I'm saving up for one so don't buy them all.

Carl  
zmola@campbellsci.com

-----  
Date: Mon, 21 Jun 1999 12:07:17 -0700  
From: "NA6E" <mcherry@calweb.com>  
To: "QRP-C" <qrp-canada@lists.gpfn.sk.ca>, "Low Power Amateur Radio Discussion"  
<qrp-1@Lehigh.EDU>  
Subject: [43221] CANADIAN SPRING BOUQUET CERTS  
Message-ID: <01bebc19\$47f20440\$LocalHost@wn6hyx>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The certificates are going in the mail today and tomorrow. If there's any discrepancies in the one you receive, or if you don't receive one, please email me.

72's  
Mary NAME  
Sacramento, CA

-----  
Date: Mon, 21 Jun 1999 19:10:43 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-1@lehigh.edu  
Subject: [43222] WSN-40 ARCI Net.  
Message-ID: <376E8E33.1EE2@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Good day friends. The Saturday WSN-40 qrp net was once again exciting. I was not scheduled to be NCS but soon found there to be one missing. I had been frantically searching for the net for 3 minutes and finally hooked up with Chuck/NJ7M in Boise, ID. Good Ol' chuck is a great regular on the net. Chuck hadn't heard NCS either and I offered to step in.

Perhaps it was the QRM from all the QRO ragchews on the band. I don't know. But finding a clear spot not too far from 7040 KHz was difficult. Heck, one QRO station had two signals about 1 KHz apart that I could zerobeat twice -- from the low side. I had to insert my signal in the trough and this worked surprizingly well. H e needs a tune-up.

All totaled about the usual 12 to 13 stations checked in. One guy, Rick in San Jose was running a full 1/2 watt from a ramsey tx. For RX he used a Neophyte. Rick said he was hearing the entire net really well. Most of us reported 33 to 559 signals from Rick.

It was nice to hear ex-AB7TK, Randy/K7TQ, I'm not sure where Randy was sending from, but he's usually up in the mountains Saturdays, enjoying the view and fresh air from Moscow, Idaho. It's my turn to buy lunch at Pacificon this year, Randy.

The weather here in Santa Rosa was perfect. My trek to Roberts lake in Rohnert Park is always fun either way. Especially having my 8 yr. old Kelly girl with me. We were going to ride bikes to the park but we saved our cycling experience until later in the day.

Nicholas/AD6IT is a young Extra class. I've been teaching Nicholas about QRP and hope to have him visit me at Roberts Lake on July 3rd. I can't wait to see his face when I have my station-in-a-box set up and running in 12 minutes or less. I bet he'll flip when he sees me using a real Vibroplex bug out in the field!

Anyway, I'll be NCS agn. next Saturday and back on my regular schedule for July 3rd, the first Sat. every month.

Hope you can join in the fun.

72/Ed we6w

--

-Ed AR Millennium Q's=>700/2000 QRP-L#1068  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

-----  
Date: Mon, 21 Jun 1999 09:50:16 -1000 (HST)  
From: "Mike W. Burger" <mike@gold.chem.hawaii.edu>  
To: qrp-l@Lehigh.edu  
Subject: [43223] Paul Harden  
Message-ID: <199906211950.JAA05428@gold.chem.hawaii.edu>

If anyone wonders who Paul Harden is, I was editing my web pages, doing some cleaning up with one of the new HTML visual editors and noticed that I had collected into a web page a series of postings of his about a solar storm some time back. They were reprinted with permission of course:

[www.chem.hawaii.edu/uham/storm.html](http://www.chem.hawaii.edu/uham/storm.html)

any errors introduced in editing would of course be mine...

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry  
HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

-----

Date: Mon, 21 Jun 1999 17:15:14 -0400  
From: Paul Stroud <aa4xx@ipass.net>  
To: klqrp <klqrp@waterw.com>  
Cc: John Cumming VE3JC <jbcumming@wwdc.com>, QRP-L <QRP-L@lehigh.edu>  
Subject: [43224] VE3JC/QRP Bike Mobile  
Message-ID: <376EAB62.1E1689E0@ipass.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Gang,

Last Friday while doing some work in the shack, I heard John, VE3JC sending CQ on 7039 KHz. What got my attention was that he signed /Bike Mobile QRP!

That was just too hard to resist. John's signal was averaging 569-579 and peaking to 599+ as he passed under some power lines. During the QSO I disconnected my rx antenna and stuck my finger in the coax jack, and sure enuff, he was copiable.

John's setup includes a QRP+ xcvr and an outbacker HF antenna. He copied me solidly while I was running 900mW.

The ability of the ionosphere to efficiently reflect such minute amounts of RF power never ceases to amaze me.

72, Paul AA4XX

-----  
Date: Mon, 21 Jun 1999 16:35:59 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [43225] Re: (fwd) Heathkit qrp HW-7 Microphonic problem  
Message-ID: <199906212119.RAA11817@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

> seem to recall it having to do with the caps surrounding the lone IC, but I  
> can't say for sure.

>

I would suspect they used ceramic disk caps in the high gain audio stages. Replacing them with metal film types should make the problem

go away. Not a bad idea to clean the grounds while your at it.

72,  
Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Mon, 21 Jun 1999 14:41:40 -0700  
From: "NA6E" <mcherry@calweb.com>  
To: "QRP-C" <qrp-canada@lists.gpfn.sk.ca>, "Low Power Amateur Radio Discussion"  
<qrp-l@Lehigh.EDU>, "Bruce Rattray" <rattray@gpfn.sk.ca>  
Subject: [43226] Re: CANADIAN SPRING BOUQUET CERTS  
Message-ID: <01bebc2e\$d911ea20\$4857d3cf@wn6hyx>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Thank you Bruce : ) I'm having trouble with the new call .... Should have  
been NA6E instead of NAME....

72's  
Mary NA6E

-----  
Date: Mon, 21 Jun 1999 16:06:30 -0400  
From: hamjoel@juno.com  
To: qrp-l@lehigh.edu  
Subject: [43227] W/R ANTENNA ADDITION  
Message-ID: <19990621.174624.-269463.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

HI GUYS AND GALS

WELL i got the urge and went out and added 2 elements for forty to the  
20mtr side by side antenna....

what I did was to put a driven element and a director for forty (pointed  
toward the lower 47) (that's 5db over a dipole).....

well I placed the elements between the elements of the twenty meter ant... and I took a piece of rg58 u coax and ran it from the forty mtr driven element to the twenty meter driven element....(used the twenty meter ant that was pointing towards the lower 47....

so now with two coaxes I have three beams.... 20m NE.....20mtr SW..... and forty meter SW

this is getting just too easy.... if u have room for a dipole u can put up at least two elements.... and enjoy the stronger receive signals if nothing else....

now if I can find someone who is good with the fine work of soldering etc... I sure would like to put a k2 on the coax...

Oh my cajun mama is looking for her clothesline wire.... now don't u'all say nuttin... gotta go

joel kella

in maine

hoping my cajun mama don't look up.... :-)

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Date: Mon, 21 Jun 1999 15:16:52 -0700

From: "Kory Hamzeh" <kory@avatar.com>

To: <qrp-1@lehigh.edu>

Subject: [43228] Not QRP, tone generate circuitry needed

Message-ID: <001001bebc33\$c3979dc0\$14ce21c7@tomcat.avatar.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi Guys,

This is not QRP related, but I was hoping someone can point me to some circuits -- its been a long time since I've actually designed any analog stuff.

I need to build a simple variable frequency sine wave generator cable of driving a headphone and generating a signal from about 50hz to 1000hz. What is the simplest way to do this?

Thanks,  
Kory  
AC6RN

-----  
Date: Mon, 21 Jun 1999 17:30:36 -0500  
From: Oscar A Hoyt <k5ubs@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [43229] fathers day  
Message-ID: <19990621.173037.10294.1.k5ubs@juno.com>

Took some stuff to the shack yesterday evening after work and there was a brand new 5000 BTU airconditioner setting on the floor.... Need it here in Dallas. After thanking all involved I heard something about moving a bed out to the shack,,,,,,,,Hmmm  
Oscar Hoyt, ham since '55, ARRL, QCWA, QRP-L 1733, NORCAL

-----  
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-----  
Date: Mon, 21 Jun 1999 17:37:49 -0500  
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>  
To: <tahrens@hilconet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [43230] Re: Capacitance values  
Message-ID: <005701bebc36\$b2519720\$1637a497@aa5tb>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Tim,

Maybe I can clear some of the confusion.

Many of the commercial capacitance testers may operate at a fixed frequency such as 1 kHz. With the MFJ-259B, of course you can vary the frequency and in doing so other factors such as distributed inductance and resistance come into play to add errors into your measurements. Of course, if you're going to use the capacitor at these higher frequencies you may want to go with the MFJ measurement. All capacitors and inductors have a resonance at a

frequency where the capacitive reactance equals the inductive reactance and as you approach this resonant frequency the measured value of capacitance will change drastically. The better grade capacitors will have a higher resonant frequency due to the lower inductance.

Bottom line... When you measure the capacitance at a very low frequency you are pretty sure to be measuring the capacitance only. At the frequency at which you are going to use the capacitor the series inductance must be taken into account as well if it is significant.

I believe the MFJ-259B manual has a short section regarding the measurement accuracy of their device. I have one and like it very much but I make no claims as to it's accuracy.

73,  
Steve Yates - AA5TB  
Fort Worth, TX - EM12gs  
<http://home.swbell.net/aa5tb>

-----  
Date: Mon, 21 Jun 1999 18:53:27 -0400  
From: sergio <sruiz@bright.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [43231] copper clad...  
Message-ID: <376EC267.478FAC98@bright.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

i shipped another 24 orders out today.. but i was short on envelopes, so four of them will have to wait until tomorrow to ship.. sorry, guys...

i have been doing very well at getting them out within one day, so if anyone hasn't gotten theirs and it's been more than a week and a half or so, let me know...

also...

the offer is still wide open to any and everyone...

--  
---  
peace,



sergio

<http://www.bright.net/~sruiz> - "the village buzz"

"quoting other people is really lame and unoriginal..." -sergio

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End of QRP-L Digest 1495

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